

Index to Authors

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In order to simplify the Index wherever a patent abstract gives both the name of a firm and individuals, that abstract has been indexed under the name of the firm only.

When no firm is indicated the authors' names have been arranged alphabetically, the entry appearing under the first name with cross references from the others.

Names beginning de, la, le, ter, van, von, etc., are indexed under the surname.

Abbreviations of Names of Firms, etc.

The abbreviations listed below have been employed in the *Journal*. The shortened names of firms have been used in abstracts of patent specifications, while those abbreviations in the form of initials have been used after the commercial names of dyes.

AAP	...	American Aniline Products Inc.	G	...	General Dyestuff Corp.
AATCC	...	American Association of Textile Chemists and Colorists	General Aniline	...	General Aniline & Film Corp.
BASF	...	Badische Anilin- & Soda-Fabrik	Gevaert	...	Gevaert Photo-Producten N.V.
Br	...	Brotherton & Co. Ltd.	Gy	...	The Geigy Co. Ltd.
BrC	...	British Celanese Ltd.	IC	...	Interchemical Corp.
CAC	...	Clayton Aniline Co. Ltd.	ICI	...	Imperial Chemical Industries Ltd.
CCC	...	American Cyanamid Co., Calco Chemical Division	JR	...	James Robinson & Co. Ltd.
EDC	...	Clayton Dyestuffs Co. Ltd.	LBH	...	L. B. Holliday & Co. Ltd.
CFM	...	Cassella Farbwerke Mainkur	Monsanto	...	Monsanto Chemical Co.
Ciba	...	Ciba Ltd.	NAC	...	Allied Chemical & Dye Corp., National Aniline Division
DH	...	Durand & Huguenin S.A.	NCO	...	Naphtol-Chemie Offenbach
DuP	...	E. I. du Pont de Nemours & Co. Inc.	Rhône-Poulenc	...	Société des Usines Chimiques Rhône-Poulenc
FBy	...	Farbenfabriken Bayer	S	...	Sandoz Products Ltd.
FH	...	Farbwerke Hoechst	TE	...	Tennessee Eastman Corp.
Fran	...	Société Anonyme de Matières Colorantes et Produits Chimiques Francolor	W	...	Williams (Hounslow) Ltd.
		Compagnie Française des Matières Colorantes	YDC	...	Yorkshire Dyeware & Chemical Co. Ltd.

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Index to Subjects

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For the sake of simplicity and to avoid unnecessary cross references the following system has been adopted—
Acids, Agents, Dyes, Fibres, Oils, etc. are indexed under the qualifying term. For example Dyes are entered under Acid, Azo, Direct, Disperse, Sulphur, Vat, etc. dyes.

Products described as Artificial, Imitation, Synthetic, etc. are indexed under the noun they describe.

Wherever possible polymeric compounds are indexed together and, in the case of copolymers, one entry only appears with the components arranged alphabetically.

So many systems are adopted for chemical names in the various journals abstracted that, in order to bring together as many as possible, they have, in general, been indexed under the parent group followed by the substituents arranged alphabetically.

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LIST OF PERIODICALS ABSTRACTED

With Abbreviated Titles used

JANUARY—DECEMBER 1957

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Amer. Dyestuff Rep.</i> ...	American Dyestuff Reporter ...	44 E. 23rd Street, New York 10, N.Y., U.S.A.
<i>Anal. Chem.</i> ...	Analytical Chemistry ...	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>Analyst</i> ...	Analyst ...	7-8 Idol Lane, London E.C.3.
<i>Australian J. Biol. Sci.</i> ...	Australian Journal of Biological Sciences ...	Commonwealth Scientific and Industrial Research Organization, 314 Albert Street, East Melbourne C2, Victoria, Australia
<i>Biochem. J.</i> ...	Biochemical Journal ...	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
<i>Biochim. Biophys. Acta</i> ...	Biochimica et Biophysica Acta ...	Elsevier Publishing Company, Spuistraat 112, Amsterdam C, Holland.
<i>Bull. Assoc. Française Chim. Ind. Cuir</i> ...	Bulletin de l'Association des Chimistes des Industries du Cuir et Documents Scientifiques et Techniques des Industries du Cuir	54 rue René-Boulanger, Paris X, France.
<i>Bull. Chem. Soc. Japan</i> ...	Bulletin of the Chemical Society of Japan ...	5, 1-Chome, Surugadai-Kanda, Chiyoda-ku, Tokyo, Japan.
<i>Bull. Inst. Text. France</i> ...	Bulletin de l'Institut Textile de France ...	59 Rue de la Falsanderie, Paris XVI.
<i>Bur. Stand. J. Res.</i> ...	Journal of Research of the National Bureau of Standards ...	Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., U.S.A.
<i>Canadian J. Chem.</i> ...	Canadian Journal of Chemistry ...	National Research Council, Ottawa, Canada.
<i>Canadian J. Physics</i> ...	Canadian Journal of Physics ...	National Research Council, Ottawa, Canada.
<i>Canadian J. Technol.</i> ...	Canadian Journal of Technology ...	National Research Council, Ottawa, Canada.
<i>Canadian Textile J.</i> ...	Canadian Textile Journal ...	Canadian Textile Journal Publishing Co. Ltd., 223 Victoria Avenue, Westmount, Montreal 6, Canada.
<i>Chem. Abs.</i> ...	Chemical Abstracts ...	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>Chem. and Ind.</i> ...	Chemistry and Industry ...	14 Belgrave Square, London S.W.1.
<i>Chem. Trade J.</i> ...	Chemical Trade Journal ...	Davis Bros. (C.T.J.) Ltd., 147-149 Grand Buildings, Trafalgar Square, London W.C.2.
<i>Chim. et Ind.</i> ...	Chimie et Industrie ...	23 rue St-Dominique, Paris VII, France.
<i>Ciba Review</i> ...	Ciba Review ...	Ciba Ltd., Basle, Switzerland.
<i>Colloid J. U.S.S.R.</i> ...	Kolloidnyi zhurnal (Colloid Journal of the U.S.S.R.) ...	Academy of Sciences of the U.S.S.R., Moscow B 64, Podmosenskii 21, U.S.S.R.
<i>Doklady Akad. Nauk S.S.S.R.</i> ...	Doklady Akademii Nauk S.S.S.R. ...	Academy of Sciences of the U.S.S.R., Leningrad 164, V.O., Tamozhenny pereulok 2, U.S.S.R.
<i>Dyer</i> ...	The Dyer, Textile Printer, Bleacher and Finisher ...	Heywood & Co. Ltd., Drury House, Russell Street, Drury Lane, London W.C.2.
<i>Endeavour</i> ...	Endeavour ...	Imperial Chemical Industries Ltd., Nobel House, Buckingham Gate, London S.W.1.
<i>Faserforsch. und Textiltech.</i> ...	Faserforschung und Textiltechnik ...	Akademie-Verlag G.m.b.H., Berlin W.8, Mohrenstrasse 39, Germany.
<i>Helv. chim. Acta</i> ...	Helvetica chimica Acta ...	Verlag Helvetica Chimica Acta, Basle 7, Switzerland.
<i>Hungarian Tech. Abs.</i> ...	Hungarian Technical Abstracts ...	Budapest V, Bajcsy-Zsilinszky- Ut 22, Hungary.
<i>Ind. Eng. Chem.</i> ...	Industrial and Engineering Chemistry ...	American Chemical Society, 1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>Indian Textile J.</i> ...	Indian Textile Journal ...	The Indian Textile Journal Ltd., "Surya Mahal", Military Square, Fort, Bombay, India.
<i>Ingenieria Textil</i> ...	Ingenieria Textil ...	Mallorca 279, 2°, 3°, Barcelona, Spain.
<i>Izvestiya Akad. Nauk S.S.S.R., otdel. khim. nauk</i> ...	Izvestiya Akademii Nauk S.S.S.R. ...	Academy of Sciences of the U.S.S.R., Moscow, B. Kaluzhskaya 14, U.S.S.R.
<i>J. Amer. Chem. Soc.</i> ...	Journal of the American Chemical Society ...	1155 16th Street, N.W., Washington 6, D.C., U.S.A.
<i>J. Amer. Leather Chem. Assoc.</i> ...	Journal of the American Leather Chemists' Association ...	228 North Green Street, Easton, Pennsylvania, U.S.A.
<i>J. Amer. Oil Chem. Soc.</i> ...	Journal of the American Oil Chemists' Society ...	35 E. Wacker Drive, Chicago, Illinois, U.S.A.
<i>J. Appl. Chem.</i> ...	Journal of Applied Chemistry ...	Society of Chemical Industry, 14 Belgrave Square, London S.W.1.
<i>J. Appl. Chem. U.S.S.R.</i> ...	Zhurnal prikladnoi khimii (Journal of Applied Chemistry of the U.S.S.R.) ...	Academy of Sciences of the U.S.S.R., Leningrad V.O., Mendeleevskaya liniya, U.S.S.R.
<i>J. Assoc. Off. Agric. Chem.</i> ...	Journal of the Association of Official Agricultural Chemists ...	Association of Official Agricultural Chemists, Washington, D.C., U.S.A.
<i>J. Biol. Chem.</i> ...	Journal of Biological Chemistry ...	Mount Royal and Guilford Avenues, Baltimore 2, U.S.A.
<i>J.C.S.</i> ...	Journal of the Chemical Society ...	Burlington House, London W.1.
<i>J. Chem. Phys.</i> ...	Journal of Chemical Physics ...	American Institute of Physics, Lancaster, Pennsylvania, U.S.A.
<i>J. Colloid Sci.</i> ...	Journal of Colloid Science ...	Academic Press, Mount Royal and Guilford Avenues, Baltimore, Maryland, U.S.A.
<i>J. Gen. Chem. U.S.S.R.</i> ...	Zhurnal obshchei khimii (Journal of General Chemistry of the U.S.S.R.) ...	Academy of Sciences of the U.S.S.R., Leningrad 164, Mendeleevskaya liniya, d.1, U.S.S.R.
<i>J. Indian Chem. Soc.</i> ...	Journal of the Indian Chemical Society ...	92 Upper Circular Road, Calcutta 9, India.
<i>J. Oil & Col. Chem. Assoc.</i> ...	Journal of the Oil and Colour Chemists' Association ...	Memorial Hall, Farrington Street, London E.C.4.
<i>J. Opt. Soc. Amer.</i> ...	Journal of the Optical Society of America ...	Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>J. Physical Chem.</i> ...	Journal of Physical Chemistry ...	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>J. Polymer Sci.</i> ...	Journal of Polymer Science ...	Interscience Publishers Inc., Northampton Street, Easton, Pa., U.S.A.
<i>J. Roy. Inst. Chem.</i> ...	Journal of the Royal Institute of Chemistry ...	Royal Institute of Chemistry, 30 Russell Square, London W.C.1.
<i>J. Soc. Leather Trades Chem.</i> ...	Journal of the Society of Leather Trades Chemists ...	"Craigieburn", Duppas Hill Road, Croydon, Surrey.
<i>J. Soc. Textile Cellulose Ind. Japan</i> ...	Journal of the Society of Textile and Cellulose Industries, Japan (Sen-i Gakkaishi) ...	c/o Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, Japan.
<i>J. Textile Inst.</i> ...	Journal of the Textile Institute ...	10 Blackfriars Street, Manchester 3.
<i>Melliand Textilber.</i> ...	Melliand Textilberichte ...	Heidelberg, Germany.
<i>Mh. Chem.</i> ...	Monatshefte für Chemie und verwandte Teile anderer Wissenschaften ...	Springer-Verlag, Wien I, Mülkerbastei 5, Austria.
<i>Modern Textiles</i> ...	Modern Textiles ...	503 Fifth Avenue, New York 16, N.Y., U.S.A.
<i>Nature</i> ...	Nature ...	Macmillan & Co. Ltd., St. Martin's Street, London, W.C.2.
<i>Norsk Tekstil Tid.</i> ...	Norsk Tekstil Tidende ...	Norsk Tekstil Tidende, Prof. Hansteenstgt. 18, Bergen, Norway.
<i>Off. Dig. Fed. Paint Varn. Prod. Cl.</i> ...	Official Digest, Federation of Paint and Varnish Production Clubs ...	121 South Broad Street, Philadelphia 7, Pa., U.S.A.
<i>Polish Tech. Abs.</i> ...	Polish Technical Abstracts ...	Warsaw, Aleja Niepodleglosci 188, Poland.
<i>Proc. Chem. Soc.</i> ...	Proceedings of the Chemical Society ...	Burlington House, London W.1.
<i>Proc. Roy. Soc.</i> ...	Proceedings of the Royal Society ...	Burlington House, London, W.1.
<i>Proc. Tech. Sectn. British Paper & Board Makers' Assoc.</i> ...	Proceedings of the Technical Section of the British Paper & Board Makers' Assoc. (Inc.) ...	British Paper & Board Makers' Assoc. (Inc.), St. Winifreds Welcomes Road, Kenley, Surrey.
<i>Quart. Rev. Chem. Soc.</i> ...	Quarterly Reviews ...	The Chemical Society, Burlington House, Piccadilly, London W.1.
<i>Rec. Trav. chim.</i> ...	Recueil des Travaux chimiques des Pays-Bas ...	Lange Voorhout 5, 'a-Gravenhage, Holland.
<i>Rept. Govt. Chem. Ind. Research Inst. Tokyo</i> ...	Reports of the Government Chemical Industrial Research Institute, Tokyo ...	1-chome, Hatagaya Hon-machi, Shibuya-ku, Tokyo, Japan.
<i>Rev. Tech. Ind. Cuir</i> ...	Revue Technique des Industries du Cuir ...	Journaux "Le Cuir", 54 Rue René-Boulanger, Paris (10°).
<i>Silk and Rayon</i> ...	Skinner's Silk and Rayon Record ...	St. James House, 44 Brazenose Street, Manchester 2.

LIST OF PERIODICALS ABSTRACTED—continued

* ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Svensk Papperstidning</i> ...	<i>Svensk Papperstidning</i> ...	S. Blasieholmshamnen 4A, Stockholm, Sweden.
<i>S.V.F. Fachorgan</i> ...	<i>S.V.F. Fachorgan für Textilveredlung</i> ...	Basle 1, Postfach 315, Switzerland.
<i>Teintex</i> ...	<i>Teintex, incorporating Revue Générale des Matières Colorantes</i> ...	60 rue Richelieu, Paris II, France.
<i>Tekstil. prom.</i> ...	<i>Tekstil'naya promyshlennost' (Textile Industry of the U.S.S.R.)</i> ...	Gizlegprom, Moscow, Tsentr, ulitsa Kirova 39, 3-I etazh. Komnata 325, U.S.S.R.
<i>Tex</i> ...	<i>De Tex</i> ...	Klosterstraat 17, Enschede, Holland.
<i>Text. Manuf.</i> ...	<i>Textile Manufacturer</i> ...	31 King Street West, Manchester 3.
<i>Text. Rec.</i> ...	<i>Textile Recorder</i> ...	Old Colony House, South King Street, Manchester 2.
<i>Text. Research J.</i> ...	<i>Textile Research Journal</i> ...	Lancaster Press Inc., Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>Textil Praxis</i> ...	<i>Textil Praxis</i> ...	Konradin-Verlag Robert Kohlhammer, Stuttgart 8, Danneckerstrasse 52, Germany.
<i>Textil-Rund.</i> ...	<i>Textil-Rundschau</i> ...	Verlag Zollikofer & Co., St. Gallen, Switzerland.
<i>Textile J. of Australia</i> ...	<i>Textile Journal of Australia</i> ...	19-47 Jeffcott Street, Melbourne, Australia.
<i>Tintoria</i> ...	<i>Tintoria</i> ...	Via Negrolì 51, Milan, Italy.
<i>Tint. ind.</i> ...	<i>Tintoreria Industrial</i> ...	Tacuari 454, Buenos Aires, Argentina.
<i>Trans. Faraday Soc.</i> ...	<i>Transactions of the Faraday Society</i> ...	Aberdeen University Press Ltd., 6 Upper Kirkgate, Aberdeen, Scotland.
<i>Ukrainian Chem. J.</i> ...	<i>Ukrainskii khimicheskii zhurnal (Ukrainian Chemical Journal)</i> ...	Kiev, Ulitsa Repina 3, U.S.S.R.
<i>Z. ges. Textilind.</i> ...	<i>Zeitschrift für die gesamte Textilindustrie</i> ...	München-Gladbach, Ispertzenler Strasse 157-163, Germany
<i>Zest. Nauk. Politech. Łódz.</i> ...	<i>Zeszyty Naukowe Politechniki Łódzkiej</i> ...	Łódź, Gdanska 155, Poland.

Abbreviations and Symbols used in the *Journal of the Society of Dyers and Colourists*

No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard 1991: Part 1: 1954*

absolute ...	abs.	Fahrenheit ...	°F.	para- ...	p-
acid value ...	A.V.	foot ...	ft.	parts per million ...	p.p.m.
alkyl radical (in chemical formula) ...	Alk	freezing point ...	f.p.	Patent ...	P
alternating current ...	A.C.	French Patent ...	FP	potential difference ...	p.d.
ampere ...	amp.	gallon (Imperial) ...	gal.	pound ...	lb.
Angström unit ...	Å	gallon (U.S.A.) ...	gal.(U.S.A.)	powder ...	pdr.
anhydrous ...	anhyd.	German Patent ...	GP	precipitate ...	ppt.
approximate, -ly ...	approx., ca., ~	gram ...	g.	precipitated ...	pptd.
		greater than ...	>	precipitation ...	pptn.
				proportional to ...	∝
aqueous ...	aq.	halogen (in chemical formula) ...	Hal	pseudo- (organic compound) ...	ψ-
aryl radical (in chemical formula) ...	Ar	horse power ...	h.p.		
asymmetric (applied to organic compounds) ...	as-	hour ...	hr.	qualitative(ly) ...	qual.
atmosphere (pressure unit) ...	atm.	hundredweight ...	cwt.	quantitative(ly) ...	quant.
atomic ...	at.	hydrogen ion concentration (negative logarithm) ...	pH		
atomic weight ...	at. wt.	inch ...	in.	racemic (organic chemistry) ...	r-
		inorganic ...	inorg.	recrystallised ...	recryst.
Baumé ...	Bé.	insoluble ...	insol.	refractive index ...	n
boiling point ...	b.p.	iodine value ...	I.V.	relative humidity ...	R.H.
British Patent ...	BP	kilocalorie ...	kcal.	revolutions per minute ...	r.p.m.
British thermal unit ...	B.Th.U.	kilogram ...	kg.		
		laboratory ...	labo., (-)	saponification value ...	S.V.
calculated ...	calc.	less than ...	<	saturate(d) ...	sat.*
calorie ...	cal.	logarithm (decadic) ...	log	second ...	sec.
Centigrade ...	c.	logarithm (natural) ...	ln	secondary (organic compound) ...	sec.-
centimetre ...	cm.	maximum ...	max.	soluble ...	sol.
compound ...	cpd.	melting point ...	m.p.	solution ...	soln.
concentrated ...	conc.	meta- ...	m-	specific ...	sp.
concentration ...	concn.	metre ...	m.	specific gravity ...	sp. gr.
configuration (carbo-hydrates and amino acids) ...	D-, L-	microgram ...	μg.	square (in., cm., etc.) ...	sq.
constant ...	const.	micron ...	μ.	substituted ...	subst.*
containing more than n carbon atoms ...	containing > n C	milliampere ...	ma.	substitution on nitrogen, oxygen, etc. ...	N-, O-, etc.
		milligram ...	mg.	symmetrical (organic compound) ...	s-
		millilitre ...	ml.		
corrected ...	corr.	millimetre ...	mm.	temperature ...	temp.
crystal, -line, -lised (adjec-tive) ...	cryst.	millimicron ...	mμ. (10A.)	tertiary- (organic compound) ...	tert.-
cubic ...	cu.	millivolt ...	mv.	turns per inch ...	t.p.in.
cubic centimetre ...	c.c.	minimum ...	min.	Twaddell ...	Tw.
		minute ...	min.		
decomposition ...	decomp.	molar (concentration) ...	M. or m-	United States Patent ...	USP
degree of polymerisation ...	D.P.	molecular, -e ...	mol.	unsaturated ...	unsat.*
density ...	d	molecular weight ...	mol. wt.	unsubstituted ...	unsubst.*
derivative ...	deriv.	normal (concentration) ...	N. or n-		
dextrorotatory ...	dextro, (+)-	normal (organic compound) ...	n-	viscosity ...	η
dilute ...	dil.	normal temperature and pressure ...	N.T.P.	volt ...	v.
direct current ...	D.C.	not greater than ...	≥	volume ...	vol.
distil, -led ...	dist.	not less than ...	≤		
		organic ...	org.	watt ...	w.
electromotive force ...	e.m.f.	ortho- ...	o-	wavelength ...	λ
equimolecular ...	equiv.	ounce ...	oz.	weight ...	wt.
equivalent ...	equiv.			yard ...	yd.

* Only in describing general formulae in the Abstracts Section.